

ITW

MAR 13 2006

**FEE TRANSMITTAL**

MAR 13 2006 For FY 2006

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 180

**Complete if Known**

Application Number	10/806,825
Filing Date	March 22, 2004
First Named Inventor	Bass, John D.
Examiner Name	Pasterczyk
Art Unit	1755
Attorney Docket No.	02307V-133910US

**METHOD OF PAYMENT** (check all that apply)

☐ Check 
 ☐ Credit Card 
 ☐ Money Order 
 ☐ None 
 ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account 
 Deposit Account Number: 20-1430 
 Deposit Account Name: Townsend and Townsend and Crew LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below 
 ☐ Charge fee(s) indicated below, **except for the filing fee**

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 
 ☒ Credit any overpayments

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION** (All the fees below are due upon filing or may be subject to a surcharge.)**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity		Small Entity		Small Entity		
	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Small Entity Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>
_____ -20 or HP = _____ x _____ = _____		
	<b>Fee Paid (\$)</b>	
	<b>Multiple Dependent Claims</b>	
	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
_____ -3 or HP = _____ x _____ = _____			

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____				

**4. OTHER FEE(S)**

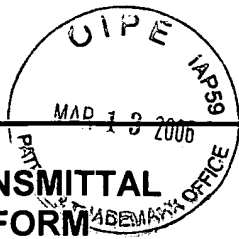
Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Submission of Information Disclosure Stmt

**Fees Paid (\$)**

**180**

<b>SUBMITTED BY</b>		
Signature _____	Registration No. (Attorney/Agent) <u>24,307</u>	Telephone <u>415-576-0200</u>
Name (Print/Type) <u>Joel G. Ackerman</u>		Date <u>March (10), 2006</u>



PTO/SB/21 (09-04)

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/806,825
Filing Date	March 22, 2004
First Named Inventor	Bass, John D.
Art Unit	1755
Examiner Name	Pasterczyk
Attorney Docket Number	02307V-133910US

Total Number of Pages in This Submission

6+refs.

**ENCLOSURES (Check all that apply)**

- |  |   |   |
|--|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Return Postcard; copy of PCT Search Report; copies of references AV-BI |
|--|---|---|

Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Townsend and Townsend and Crew LLP
Signature	
Printed name	Joel G. Ackerman
Date	March ( 10 ), 2006

Reg. No. 24,307

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature

Typed or printed name

Sherboni Barnes Anderson

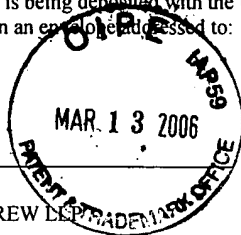
Date

March ( 10 ), 2006

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On March 10, 2006



PATENT  
Attorney Docket No.: 02307V-133910US  
Client Reference No.: B03-070-2US

TOWNSEND and TOWNSEND and CREW LLP  
By: Shirboni Barnes Ockler

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

ALEXANDER KATZ and JOHN  
D. BASS

Application No.: 10/806,825

Filed: March 22, 2004

For: THERMOLYTIC SYNTHESIS OF  
INORGANIC OXIDES IMPRINTED  
WITH FUNCTIONAL MOIETIES

Examiner: Pasterczyk

Art Unit: 1755

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references [in compliance with the requirements of 37 CFR §1.98(a)(2)] are enclosed.

Also enclosed is a copy of the Search/Examination report corresponding to the PCT application.

03/15/2006 MAHME1 00000015 201430 10806825

01 FC:1806 180.00 DA

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

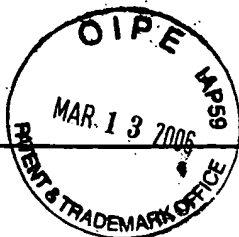
This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance.

Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Joel G. Ackerman  
Reg. No. 24,307

TOWNSEND and TOWNSEND and CREW LLP  
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San Francisco, California 94111-3834  
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JA:ja:mtd



Substitute for form 1449A&B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/806,825
				Filing Date	March 22, 2004
				First Named Inventor	Bass, John D.
				Art Unit	1755
				Examiner Name	Pasterczyk
Sheet	1	of	2	Attorney Docket Number	02307V-133910US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-4,394,294	07-19-1983	Gryaznov et al.	
	AB	US-4,491,628	01-01-1985	Ito et al.	
	AC	US-4,637,900	01-20-1987	Frederickson	
	AD	US-4,960,745	10-02-1990	Johnson	
	AE	US-5,110,833	05-05-1992	Mosbach	
	AF	US-5,310,648	05-10-1994	Arnold et al.	
	AG	US-5,409,873	04-25-1995	Chung et al.	
	AH	US-5,512,131	04-30-1996	Kumar et al.	
	AI	US-5,648,508	07-15-1997	Yaghi	
	AJ	US-5,672,556	09-30-1997	Pinnavaia et al.	
	AK	US-5,885,924	03-23-1999	Ward	
	AL	US-6,180,239 B1	01-30-2001	Whitesides et al.	
	AM	US-6,251,280 B1	06-26-2001	Dai et al.	
	AN	US-6,380,266 B1	04-30-2002	Katz et al.	
	AO	US-2002/0164643 A1	11-07-2002	Huang	
	AP	US-2003/0027936 A1	02-06-2003	Murray et al.	
	AQ	US-2003/0165418 A1	09-04-2003	Ajayan et al.	
	AR	US-2003/0165987 A1	09-04-2003	Huang	
	AS	US-2003/0191205 A1	10-09-2003	Markowitz et al.	
	AT	US-6,660,780 B2	12-09-2003	Markowitz et al.	
	AU	US-6,841,510 B2	01-11-2005	Vaughn et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	AV	WO	88/08534	A1	11-03-1988			<input type="checkbox"/>
	AW	WO	02/094841	A1	11-28-2002			<input type="checkbox"/>
	AX	EP	0423531	A1	04-24-1991			<input checked="" type="checkbox"/>

<b>NON PATENT LITERATURE DOCUMENTS</b>
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Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A&B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/806,825
				Filing Date	March 22, 2004
				First Named Inventor	Bass, John D.
				Art Unit	1755
				Examiner Name	Pasterczyk
Sheet	2	of	2	Attorney Docket Number	02307V-133910US

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AY	AHMAD, Wayez R. et al.; "Transesterification on "imported" silica"; 1996, <u>Catalysis Letters</u> , Vol. 40, pp. 109-114.	<input type="checkbox"/>
	AZ	BOURY, Bruno et al.; "Generation of porosity in a hybrid organic-inorganic xerogel by chemical treatment"; 1999, <u>New J. Chem.</u> , Vol. 23, pp. 531-538.	<input type="checkbox"/>
	BA	DAI, Sheng et al.; "Imprint Coating: A Novel Synthesis of Selective Functionalized Ordered Mesoporous Sorbents"; 1999, <u>Angew. Chem. Int. Ed.</u> , Vol. 38, No. 9, pp. 1235-1239.	<input type="checkbox"/>
	BB	DAVIS, Mark E. et al.; "Rational Catalyst Design via Imprinted Nanostructured Materials"; 1996, <u>Chem. Mater.</u> , Vol. 8, pp. 1820-1839.	<input type="checkbox"/>
	BC	HUNNIUS, M. et al.; "Selective surface adsorption versus imprinting in amorphous microporous silicas"; 1999, <u>Microporous and Mesoporous Materials</u> , Vol. 29, pp. 389-403.	<input type="checkbox"/>
	BD	KATZ, Alexander et al.; "Molecular imprinting of bulk, microporous silica"; 2000, <u>Nature</u> , Vol. 403, pp. 286-289.	<input type="checkbox"/>
	BE	KI, Chang Do et al.; "The Use of a Thermally Reversible Bond for Molecular Imprinting of Silica Spheres"; 2002, <u>J. Am. Chem. Soc.</u> , Vol. 124, pp. 14838-14839.	<input type="checkbox"/>
	BF	POLBORN Kurt et al.; "Molecular imprinting with an organometallic transition state analogue"; 1999, <u>Chem. Commun.</u> , pp. 2481-2482.	<input type="checkbox"/>
	BG	MAIER, Wilhelm et al.; "Reply to "Transesterification on imprinted silica""; 1997, <u>Catalysis Letters</u> , Vol. 46, pp. 137-140.	<input type="checkbox"/>
	BH	PINEL, Catherine et al.; "Preparation and Utilization of Molecularly Imprinted Silicas"; 1997, <u>Adv. Mater.</u> , Vol. 9, No. 7, pp. 582-585.	<input type="checkbox"/>
	BI	WULFF, Gunter; "Enzyme-like Catalysis by Molecularly Imprinted Polymers"; 2002, <u>Chemical Reviews</u> , Vol. 102, No. 1, pp. 1-27.	<input type="checkbox"/>

Examiner Signature		Date Considered	
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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